

L5 ANSWER 68 OF 575 CA COPYRIGHT 2004 ACS on STN  
 AN 135:348050 CA  
 ED Entered STN: 29 Nov 2001  
 TI **Cement**-based hydraulic compositions, fiber-reinforced cured  
 hydraulic products, and method for their on-site placing  
 IN Takizawa, Kiyoshi; Saito, Tadashi; Ogawa, Atsuhisa; Suemori, Hisashi;  
 Yasushiro, Hideki  
 PA Kuraray Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese  
 IC ICM C04B028-02  
 ICS C04B016-06; C04B111-20  
 CC 58-3 (Cement, Concrete, and Related Building Materials)  
 Section cross-reference(s): 40

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001316157	A2	20011113	JP 2001-36808	20010214
PRAI	JP 2000-58598	A	20000303		

AB The compns. comprise **cement**-based hydraulic materials contg.  
 silica fume, blast-furnace slag, and/or **fly ash** (C)  
 750-1300, aggregates (S) 400-1100, **water** (W) 270-420 kg/m3, and  
 reinforcement fibers having fineness 55-270 dtex and satisfy  $2.625 - 0.0075X \leq Y \leq 3.375 - 0.0075X$  and  $47Y + W = 253 - 47Y + 293$ ,  
 where  $Y = C/S$ . Hardened products of the compns. and on-site placing of  
 the compns. and the products are also claimed. The products have high  
 toughness and resistance to vibration.

ST **cement** hydraulic **product** fiber reinforced; vibration  
 resistant fiber reinforced mortar; blast furnace slag fiber reinforced  
**cement**; **fly ash** fiber reinforced  
**cement**; silica fume fiber reinforced **cement**

IT **Cement** (construction material)  
 (**Cement**-based hydraulic compns., fiber-reinforced cured  
 hydraulic products, and method for their on-site placing)

IT Vinal fibers